



1/27/05

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& LIONE

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: Steven Goldstein, et al.

Appln. No.: 10/734,096

Filed: December 11, 2003

For: RADICAL RETARDANT  
CRYOPRESERVATION SOLUTIONS

Attorney Docket No: 11930-135

Examiner: Barnhart, Lora  
Elizabeth

Art Unit: 1651

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
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**TRANSMITTAL**

Sir:

**Attached is/are:**

- Information Disclosure Statement (12 pages); PTO Form 1449 (12 pages) and copies of cited references as required.
- Return Receipt Postcard.

**Fee calculation:**

- No additional fee is required.
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	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Small Entity		Not a Small Entity	
					Rate	Add'l Fee	or	Rate
Total		Minus			x \$25=			x \$50=
Indep.		Minus			x 100=			x \$200=
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=
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Respectfully submitted,

Magdalena O. Cilella, Ph.D.  
Limited Recognition Certificate Enclosed  
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BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
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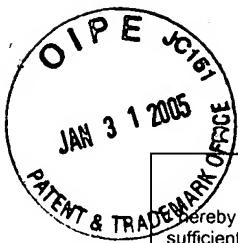
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INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(c), Applicants hereby cite the following reference(s):

U.S. DOCUMENTS

Patent No.	Issued/Publ. Date	Patentee/Applicant/Assignee
2,832,689	04/29/58	Proctor et al.
3,808,113	04/30/74	Okamura et al.
4,179,338	12/18/79	Gordon
4,456,589	06/26/84	Holman et al.
4,620,908	11/04/86	Van Duzer
4,798,611	01/17/89	Freeman, Jr.
4,890,457	01/02/90	McNally et al.
5,012,503	04/30/91	Nambu et al.
5,071,741	12/10/91	Brockbank
5,096,553	03/17/92	Ross et al.
5,110,722	05/05/92	Brockbank et al.
5,122,110	06/16/92	McNally et al.
5,131,850	07/21/92	Brockbank

<b>Patent No.</b>	<b>Issued/Publ. Date</b>	<b>Patentee/Applicant/Assignee</b>
5,145,769	09/08/92	McNally et al.
5,257,692	11/02/93	Heacox
5,283,034	02/01/94	Okrongly et al.
5,362,442	11/08/94	Kent
5,485,496	01/16/96	Lee et al.
5,609,866	03/11/97	Khan et al.
5,730,933	03/24/98	Peterson
5,989,498	11/23/99	Odland
6,171,549 B1	11/08/94	Kent
6,346,216 B1	02/12/02	Kent
6,365,338 B1	04/02/02	Bull et al.
2001/0000804	05/03/01	Goldstein et al.

**FOREIGN PATENT DOCUMENTS**

<b>Document No.</b>	<b>Date</b>	<b>Country</b>
WO 93/11666 A1	06/24/93	PCT
WO 96/27287 A1	09/12/96	PCT
WO 99/60849 A1	12/02/99	PCT
WO 02/32225 A2	04/25/02	PCT
WO 03/026704 A1	04/03/03	PCT
WO 03/092745 A1	11/13/03	PCT

**OTHER ART – NON PATENT LITERATURE**

	Abok, K. et al., "Dimethylsulfoxide Increases the Survival and Lysosomal Stability of Mouse Peritoneal Macrophages Exposed to Low-LET Ionizing Radiation and/or Lioinicron in Culture", Virchows Arch B Cell Pathol Incl Mol Pathology, Vol. 46: No. 4, pp. 307-320, 1984.	
	Angell, W.W. et al., "Long-Term Follow-Up of Viable Frozen Aortic Homografts A Viable Homograft Valve Bank", J. Thorac Cardiovasc. Surg, Vol. 93: No. 6, pp. 815-822, June 1987.	
	Antoku, S., "Chemical Protection of Bacteria and Cultured Mammalian Cells by Sulfur-Containing Compounds", J. Radiat Res (Tokyo), Vol. 16: No. 1, pp. 28-36, Mar 1975.	
	Antoku, S. et al., "Effect of Oxygen on Bacteria and Cultured Mammalian Cells Irradiated in the Frozen State", Int'l. J. Radiat. Biol. Relat. Stud. Phys. Chem. Med., Vol. 32: No. 2, pp. 145-152, August 1977.	
	Aparicio, S.R. et al., "Light and Electron Microscopy Studies on Homograft and Heterograft Heart Valves", J Path, Vol. 115, pp. 147-162, 1975.	
	Arroyo, C.M. et al., "ESR Study of Electron Transfer Reactions Between Gamma-Irradiated Pyrimidines, Adriamycin and Oxygen", Free Radic Bio Med, Vol. 9: No. 3, pp. 191-197, 1990.	
	Babbs, C.F. et al., "Colorimetric Assay for Methanesulfinic Acid in Biological Samples", Analytical Biochemistry Vol. 163, pp. 67-73, 1987.	
	Babbs, C.F. et al., "Detection and Quantitation of Hydroxyl Radical Using Dimethyl Sulfoxide as Molecular Probe, Methods in Enzymology, Vol. 186, pp. 137-147, 1990.	
	Babbs, C.F. et al., "Scatchard Analysis of Methane Sulfinic Acid Production From Dimethyl Sulfoxide; A Method To Quantify Hydroxyl Radical Formation In Physiologic Systems, Free Radical Biology & Medicine, Vol. 6, pp. 493-503, 1989.	

	Babbs, C.F., "Free Radicals and the Etiology of Colon Cancer", Free Radic. Biol Med, Vol. 8, No. 2, pp. 191-200, 1990.	
	Bailey, A.J., "Effect of Ionizing Radiation on Connective Tissue Components", Int Rev. Connect Tissue Res., Vol. 4, pp. 233-281, 1968.	
	Bakke, J.E. et al., "Isotope Dilution Assay for Urinary Methanesulfinic and Methanesulfonic Acids: Application to Detection of Methylthio Turnover", Biomed. Environ. Mass Spectrom, Vol. 18, No. 12, pp. 1096-1098, Dec. 1989.	
	Bartova, E. et al., "The Influence of the Cell Cycle, Differentiation and Irradiation on the Nuclear Location of the abl, bcr and cy-myc Genes in Human Leukemic Cells", Leuk Res, Vol. 24: No. 3, pp. 233-241, Mar 2000.	
	Beach, P.M. et al., "Aortic Valve Replacement with Frozen Irradiated Homografts. Long-Term Evaluation", Circulation, Vol. 45: No. 5, Suppl 1: pp. 29-35, May 1972.	
	Beach, P.M. et al., "Frozen Irradiated Aortic Valve Homografts: Long-Term Evaluation", NY State J. Med, Vol. 73: No. 5, pp. 651-654, Mar 1973.	
	Beamer, R.L., "Biochemical Interactions of Dimethyl Sulfoxide II Lactate Dehydrogenase-Catalyzed Reactions", J Pharm Sci, Vol. 62: No. 8, pp. 1384-1386, Aug 1973.	
	Bechtold, J.E. et al., "The Effects of Freeze-Drying and Ethylene Oxide Sterilization on the Mechanical Properties of Human Patellar Tendon", American Journal of Sports Medicine, Vol. 22: No. 4, pp. 562-566, 1994.	
	Bedford, J.S. et al., "Dose-Rate Effects in Synchronous Mammalian Cells in Culture", Radiat Res, Vol. 54: No. 2, pp. 316-327, May 1973.	
	Belkoff, S.M. et al., "Microstructurally Based Model Analysis of Gamma-Irradiated Tendon Allografts", J Orthop Res, Vol. 10: No. 3, pp. 461-464, May 1992.	
	Belov, A.A. et al., "The Effect of Gamma Irradiation on the Enzyme Activity of Collalitin During Storage", Radiobiologija (USSR), Vol. 30: No. 4, pp. 519-521, Jul-Aug 1990.	
	Bender, E. et al., "The Inactivation of Mycoplasmas and Bacteria in Calf Serum by 60Co Gamma Rays" Arch Exp Veterinarmed, Vol. 43: No. 5, pp. 783-788, 1989.	
	Bender, E. et al., "The Use of 60Co-Gamma Ray-Sterilized Calf Serum in Cell Culture", Arch Exp Veterinarmed, Vol. 44: No. 3, pp. 481-488, 1990.	
	Bennett, C.B. et al., "DNA Damage and Biological Expression of Adenovirus: A Comparison of Liquid Versus Frozen Conditions of Exposure to Gamma Rays", Radiat Res, Vol. 120: No. 1, pp. 102-112, Oct 1989.	
	Bingci L. et al., "Mouse Antibody Response Following Repetitive Injections of Gamma-Irradiated Human Placenta Collagen" Chin Med Sci J, Vol. 9, No. 2, pp. 100-103, 1994.	
	Blanchy, B.G., "Immobilization of Factor XIII on Collagen Membranes", J. Biomed Mater Res, Vol. 20: No. 4, pp. 469-479, Apr 1986.	
	Blank, G. et al., "Comparison of Resistance of Fungal Spores to Gamma and Electron Beam Radiation", Int J Food Microbiol, Vol. 26: No. 3, pp. 269-277, Aug 1995.	
	Blankevoort, L. et al., "Knee Joint Modeling: Parameters and Validity", Second World Congress of Biomechanics, July 10-15, 1994, Amsterdam, The Netherlands.	
	Bodnar, E. et al., "Long-Term Performance of Homograft and Autograft Valves", Artif Organs, Vol. 4: No. 1, pp. 20-23, Feb 1980.	
	Bodnar, E. et al., "Viable and Non-Viable Aortic Homografts in the Subcoronary Position: A Comparative Study", Ann Thorac Surg, Vol. 47: No. 6, pp. 799-805; discussion pp 804-805, June 1989.	
	Bogers, A.J.J.C. et al., "Long-Term Results of the Gamma-Irradiation-Preserved Homograft Monocusp for Transannular Reconstruction of the Right-Ventricular Outflow Tract in Tetralogy of Fallot", Thorac. Cardiovasc. Surgeon, Vol. 42, pp. 337-	

	339, 1994.
	Bohidar, H.B. et al., "Kinetics of Sol-Gel Transition in Thermoreversible Gelation of Gelatin", J. Chem. Phys. Vol. 98, No. 11, pp. 8970-8977, June 1993.
	Bolin, S.R., "Methods for Detection and Frequency of Contamination of Fetal Calf Serum with Bovine Viral Diarrhea Virus and Antibodies Against Bovine Viral Diarrhea Virus", J Vet Diagn Invest, Vol. 3: No. 3, pp. 199-203, July 1991.
	Bray, R.C. et al., "Reactions of Dimethylsulfoxide Reductase in the Presence of Dimethyl Sulfide and the Structure of the Dimethyl Sulfide-Modified Enzyme", Biochemistry, Vol. 40, No. 33, pp. 9810-9820, Aug. 21, 2001.
	Bruck R. et al., "The Hydroxyl Radical Scavengers Dimethylsulfoxide and Dimethylthiourea protect Rats Against Thioacetamide-induced fulminant hepatic failure", J. Hepatol, Vol. 31, No. 1, pp. 27-38, Jul. 1999.
	Bruck, R. et al., "Prevention of Hepatic Cirrhosis in Rats by Hydroxyl Radical Scavengers", J. Hepatol, Vol. 35, No. 4, pp. 457-464, Oct. 2001.
	Butler, D.L. et al., "Effects of Gamma Irradiation on the Biomechanics of Patellar Tendon Allografts of the ACL in the Goat", 37 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 4-7, 1991, Anaheim, CA.
	Butler, D.L., et al., "Gamma Irradiation Effects on Allograft Mechanics", Symposium Biomechanics of Joints and Ligaments, Thursday July 14, Second World Congress of Biomechanics, Volume II., p. 89.
	Buxton, George et al., "Critical Review of Rate Constants for Reactions of Hydrated Electrons, Hydrogen Atoms and Hydroxyl Radicals (OH/O) in Aqueous Solution", ...
	Campalani, G. et al., "Aortic Valve Replacement with Frozen Irradiated Homografts. An 18-Year Experience", Eur J. Cardiothorac Surg., Vol. 3: No. 6, pp. 558-561, 1989.
	Cederbaum, A.I. et al., "Oxidation of Isopropanol by Rat Liver Microsomes: Possible Role of Hydroxyl Radicals" Biochem Pharmacol, Vol. 30: No. 8, pp. 825-831, Apr 1981.
	Cheung, D.T. et al., "The Effect of Gamma-Irradiation on Collagen Molecules, Isolated Alpha-Chains, and Crosslinked Native Fibers", Journal of Biomedical Materials Research, Vol. 24: No. 5, pp. 581-589, May 1990.
	Chiu, S.M., et al., "Modification of DNA Damage in Transcriptionally Active vs. Bulk Chromatin", Int. J. Radiat Oncol. Biol. Phys. Vol. 12, No. 8, pp. 1529-1532, Aug. 1986.
	Chu, C.C. et al., "The Effect of Gamma Irradiation on the Enzymatic Degradation of Polyglycolic Acid Absorbable Sutures", J. Biomed Mater Res, Vol. 17: No. 6, pp. 1029-1040, Nov 1983.
	Chu, C.C. et al., "Kluver-Bucy Syndrome: Report of a Case with Nasopharyngeal Cancer after Irradiation and Chemotherapy", Chin Med J. (Taipei) 1994; 54: pp. 432-435.
	Chu, C.C. et al., "Scanning Electron Microscopic Study of the Hydrolytic Degradation of Poly(glycolic acid) Suture", J. Biomed Mater Res, Vol. 16: No. 4, pp. 417-430, July 1982.
	Cooper, A.J. et al., "Enzymatic Reactions of Methionine Sulfoximine. Conversion to the Corresponding Alpha-imino and Alpha-keto Acids and to Alpha-ketobutyrate and Methane Sulfinimide", J. Biol. Chem., Vol. 251, No. 21, pp. 6674-6682, Nov. 10, 1976.
	Daragan, V.A. et al., "Specific Binding of Ethanol to Cholesterol in Organic Solvents" Biophys J, Vol. 79: No. 1, pp. 406-415, July 2000.
	Davydov, R. et al., "An EPR Study to the Dinuclear Iron Site in the Soluble Methane Monooxygenase from <i>Methylococcus capsulatus</i> (Bath) Reduced by One Electron at 77K: The Effects of Component Interactions and the Binding of Small Molecules to the Diiron(III) Center", Biochemistry, Vol. 38: No. 13, pp. 4188-4197, March 1999.

	De Deyne, P. et al., "Some Effects of Gamma Irradiation on Patellar Tendon Allografts", Connect Tissue Res, Vol. 27: No. 1, pp.51-62, 1991.	
	deLara, C.M. et al., "The Effect of Dimethyl Sulfoxide on the Induction of DNA Double-Strand Breaks in V79-4 Mammalian Cells by Alpha Particles", Radiat Res. Vol. 144: No. 1, pp.43-49, Oct 1995.	
	Dela Rosa, et al., "The Effect of Gamma-Radiation on Smoked Fish Using Short-Term Mutagenicity Assays", Mutat Res., Vol. 223, No. 3, pp. 303-307, July 1989.	
	Dimitrijevic, B., "The Tissue Bank in Wickfield", Stomatol Glas Srb, Vol. 21: No. 1, pp. 67, Jan-Feb 1974.	
	Dinara, S. et al., Effects of Supplementation with Free-Radical scavengers on the survival and Fertilization Rates of Mouse Cryopreserved Oocytes", Elsevier Science B.V., Amsterdam, 2001 BIOTECHNO Online!	
	Donnelly, R.J. et al., "Gamma-Radiation of Heart Valves at 4 C; a Comparative Study Using Techniques of Histochemistry and Electron and Light Microscopy", Thorax, Vol. 28: No. 95, pp. 95-101, 1973.	
	Duliu, O.G. et al., "EPR Investigation of the Gamma-Ray Irradiated Natural and Tanned Collagen", Appl Radiat Isot, Vol. 54: No. 6, pp. 887-891, June 2001.	
	Eder, E. et al., "The Influence of the Solvents DMSO and Ethanol on the Genotoxicity of Alpha, Beta-Unsaturated Aldehydes in the SOS Chromotest", Mutat Res., Vol. 516, No. 1-2, pp. 81-89, Apr 26, 2002.	
	Erickson, G.A. et al., "Viral Contamination of Fetal Bovine Serum Used for Tissue Culture: Risks and Concerns", Dev Biol Stand, Vol. 75, pp.173-175, 1991.	
	Farzaneh, F. et al., "DNA Repair in Human Promyelocytic Cell Line, HL-60", Nucleic Acids Res, Vol. 15, No. 8, pp. 3503-3513, Apr. 1987.	
	Fast Blue BB Salt, Materials Safety Data Sheet <a href="http://www.property.orst.edu/property/msds/DATA/5381.htm">http://www.property.orst.edu/property/msds/DATA/5381.htm</a> , May 24, 2002, 2 pages.	
	Feder, S.M. et al., "Biomechanical and Biochemical Changes in Human Tendon Allografts Due to 4Mrad of Gamma Irradiation", 40 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, February 21-24, 1994, New Orleans, LA, 1 page.	
	Feder, S.M. et al., "Irradiated ACL Allografts: Changes in Mechanical Properties Over Time", 38 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, February 17-20, 1992, Washington, D.C., 1 page.	
	Fideler, B.M., "Gamma Irradiation: Effects on Biomechanical Properties of Human Bone-Patellar Tendone-Bone Allografts", The American Journal of Sports Medicine, Vol. 23: No. 5, pp. 643-646, 1995.	
	Fideler, B.M. et al., "Effects of Gamma Irradiation on the Human Immunodeficiency Virus. A Study in Frozen Human Bone-Patellar Ligament-Bone Grafts Obtained from Infected Cadavers", J Bone Joint Surg Am, Vol. 76: No. 7, pp. 1032-1035, Jul 1994.	
	Fuchs, James C.A. et al., "Homograft Aortic Valves Supported by Nonthrombogenic Prosthetic Frames", The Clinic of Surgery National Heart Institute, Bethesda pp. 118-119.	
	Fukui S. et al., "High-Performance Liquid Chromatographic Determination of Methanesulphinic Acid as a Method for the Determination of Hydroxyl Radicals", J. Chromatography, Vol. 630, Nos. 1-2, pp. 187-193, Feb 5, 1993.	
	Geesin, J.C., et al., "Regulation of Collagen Synthesis by Ascorbic Acid: Characterization of the Role of Ascorbate-Stimulated Lipid Peroxidation", Arch Biochem Biophys, Vol. 290: No. 1, pp. 127-132, Oct 1991.	
	Gerbode, Frank et al., "Proceedings of The First International Workshop on Tissue Valves", Annals of Surgery Vol. 172, Supplement, pp.1-24, July 1970.	
	Gibbons, M.J. et al., "Dose-Dependent Effects of Gamma Irradiation on the Material Properties of Frozen Bone-Patellar Tendon-Bone Allografts, 35 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, February 6-9, 1989, Las Vegas NV.	

	Gibbons, M.J. et al., "Effects of Gamma Irradiation on the Initial Mechanical and Material Properties of Goat Bone-Patellar Tendon-Bone Allografts", J Orthop Res, Vol. 9: No. 2, pp. 209-218, Mar 1991.	
	Giordano, Joseph M. et al., "A Comparison of Autografts and Frozen, Irradiated Homografts in Canine Femoral Venous Reconstruction", Surgery, Vol. 81: No. 1, pp. 100-104, Jan 1977.	
	Godette, G.A. et al., "Biomechanical Effects of Gamma Irradiation on Fresh Frozen Allografts in Vitro", Gamma Irradiation, Vol. 19: No. 8, Aug 1996.	
	Goertzen, M.J., "Anterior Cruciate Ligament Reconstruction Using Cryopreserved Irradiated Bone-ACL-Bone-Allograft Transplants", Knee Surg Sports Traumatol Arthros, Vol. 2: No. 3, pp. 150-157, 1994.	
	Goertzen, M.J. et al., "Sterilisation of Canine Anterior Cruciate Allografts by Gamma Irradiation in Argon Mechanical and Neurohistological Properties Retained One Year After Transplantation", J. Bone Joint Surg Br (England), Vol. 77: No. 2, pp. 205-212, Mar 1995.	
	Gogus, A. et al., "Allogeneic Cruciate Ligament Replacement. Perspectives and Initial Clinical Results", Unfallchirurg (Germany), Vol. 96: No. 2, pp. 93-99, Feb 1993.	
	Gonzalez-Lavin, L. et al., "Homograft Aortic Valve Replacement", J of Thoracic and Cardiovascular Surgery, Vol. 60: No. 1, pp. 1-12, July 1970.	
	Goulas, A.E. et al., "Effect of High-Dose Electron Beam Irradiation on the Migration of DOA and ATBC Plasticizers from Food-Grade PVC and PVDC/PVC Films, Respectively, Into Olive Oil", J Food Prot, Vol. 61: No. 6, pp. 720-724, June 1998.	
	Grecz, N. et al. "Radiation Sterilization of Surgical Instruments with a Consideration of Metal Shielding on Sterilization Efficiency", Am J Infect Control, Vol. 15: No. 3, pp. 101-106, June 1987.	
	Gunning, A.J. et al., "Preservation and Function of Heterologous Aortic Valves", Thorax, Vol. 26, p. 179, 1971.	
	Harris, Paul D. et al., "Factors Modifying Aortic Homograft Structure and Function", Surgery Vol. 63: No. 1, pp. 45-52, Jan 1968.	
	Haut, R.C. et al., "Order of Irradiation and Lyophilization on the Strength of Patellar Tendon Allografts", 35 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, February 6-9, 1989, Las Vegas, NV.	
	Hiemstra, H. et al., "Inactivation of Human Immunodeficiency Virus by Gamma Irradiation and its Effect on Plasma and Coagulation Factors", Transfusion, Vol. 31: No. 1, pp. 32-39, Jan 1991.	
	House, C. et al., "Inactivation of Viral Agents in Bovine Serum by Gamma Irradiation", Can J Microbiol, Vol. 36: No. 10, pp. 737-740, Oct 1990.	
	Ijiri, S. et al., "Effect of Sterilization on Bone Morphogenetic Protein", J. Orthop Res, Vol. 12: No. 5, pp. 628-636, Sept 1994.	
	Ingegneri, A. et al., "An 11-Year Assessment of 93 Flash-Frozen Homograft Valves in the Aortic Position", Thorac Cardiovasc Surg, Vol. 27: No. 5, pp. 304-307, Oct 1979.	
	Jackson, D.W., et al., "Anterior Cruciate Ligament Reconstruction Using Patella Tendon Autograft and Allograft - An Experimental Study in Goats", 37 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 4-7, 1991, Anaheim, California, P. 208.	
	Jackson, D.W. et al., "Intraarticular Reaction Associated with the Use of Freeze-Dried, Ethylene Oxide-Sterilized Bone-Patella Tendon-Bone Allografts in the Reconstruction of the Anterior Cruciate Ligament", Am. J. Sports Med., Vol. 18: No. 1, pp. 1-10, Jan-Feb 1990.	
	Jacob, Stanley, W., "Current Status of Dimethyl Sulfoxide (DMSO)", March 2002. <a href="http://www.dmso.org/articles/information/pjacobs.htm">http://www.dmso.org/articles/information/pjacobs.htm</a> , 2p., June 17, 2002.	
	Jacob, Stanley, W. "Pharmacology of DMSO",	

	<a href="http://www.dmso.org/articles/information/pherschler.htm">http://www.dmso.org/articles/information/pherschler.htm</a> , pp. 1-13, June 17, 2002.
	Jahnke, L.S., "Measurement of Hydroxyl Radical-Generated Methane Sulfenic Acid by High-Performance Liquid Chromatography and Electrochemical Detection", Anal Biochem, Vol. 269, No. 2, pp. 273-277, May 1999.
	Jones, G.D., et al., "A Comparison of DNA Damages Produced Under Conditions of Direct and Indirect Action of Radiation", Int. J. Radiat Biol. Vol. 66, No. 5, pp. 441-445, Nove. 1994.
	Jones, G.D., et al., "Yield of Strand Breaks as a Function of Scavenger Concentration and LET for SV40 Irradiated with 4He Ions", Int. J. Radiat Biol. Vol. 136, No. 2, pp. 190-196, Nov. 1993.
	Kadiiska, M.B. et al., "Iron Supplementation Generates Hydroxyl Radical in Vivo. An ESR Spin-Trapping Investigation", J. Clin. Invest., Vol. 96, No. 3, pp. 1653-1657, Sept. 1995.
	Katz, R.W. et al., "Radiation-Sterilized Insoluble Collagenous Bone Matrix is a Functional Carrier of Osteogenin for Bone Induction", Calcif Tissue Int, Vol. 47: No.3, pp. 183-185, Sept 1990.
	Kennedy, A.R., "Water Structure versus Radical Scavenger Theories as Explanations for the Suppressive Effects of DMSO and Related Compounds on Radiation-Induced Transformation in Vitro", Carcinogenesis, Vol. 8: No. 5, pp. 683-688, May 1987.
	Kerboull, P. et al., "In Vitro Study of the Role of Various Preservation Methods on Mechanical Properties of Allografts of the Patellar Tendon", Chirurgie, Vol. 117: No. 9, pp. 751-62, 1991.
	King, Michael H. et al., 'Importance of Technique in Sterilizing and Preserving Human Otic Valves', The Clinic of Surgery National Heart Institute, Bethesda pp. 119-121.
	Klein, S.M. et al., "The Interaction of Hydroxyl Radicals with Dimethylsulfoxide Produces Formaldehyde", FEBS Lett, Vol. 116, No. 2, pp. 220-222, Jul. 28, 1980.
	Klein, S.M. et al., "Production of Formaldehyde During Metabolism of Dimethyl Sulfoxide by Hydroxyl Radical Generating Systems", Biochemistry, Vol. 20, No. 21, pp. 6006-6012, Oct. 13, 1981.
	Koch, C.J. et al. "The Oxygen-Enhancement Ratio for Reproductive Death Induced by 3H or 125I Damage in Mammalian Cells", Int. J. Radiat Biol Relat Stud Phys Chem Med, Vol. 28: No. 5, pp. 417-425, Nov. 1975.
	Kurahashi, M. et al., "Effect of Diethyldithiocarbamate on Diabetogenic Action of Alloxan in Rats", Diabetes Res Clin. Prac., Vol. 19, No. 1, pp. 39-47, Jan. 1993.
	Kvsgaard, N.C., et al., "Effect of Two Virus Inactivation Methods; Electron Beam Irradiation and Binary Ethylenimine Treatment on Determination of Reproductive Hormones in Equine Plasma", Acta Vet Scan, Vol. 38: No. 3, pp. 225-233, 1997.
	Lawson, L.D. et al., "Identification and HPLC Quantitation of the Sulfides and Dialk(en)yl Thiosulfinate in Commercial Garlic Products", Planta Med, Vol. 57: No. 4, pp. 363-370, Aug 1991.
	Leslie, H.W., et al., "Donation, Banking, and Transplantation of Allograft Tissues", Nurs Clin North Am, Vol. 24: No. 4, pp. 891-905, Dec 1989.
	Limaye, L.S., et al., Bone Marrow Cryopreservation: Improved Recovery Due to Bioantioxidant Additives in the Freezing Solution, Elsevier Science B.V., Amsterdam, BIOTECHNO Online! 1997.
	Maeda, A. et al., "Changes of Mechanical Properties After Solvent Preservation And/or Gamma Irradiation for Tendon Allografts", 37 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 4-7, 1991, Anaheim, CA.
	Maeda, A. et al., "Effects of Solvent Preservation with or without Gamma Irradiation on the Material Properties of Canine Tendon Allografts", Orthop Res, Vol. 11: No. 2, pp. 181-189, Mar 1993.
	Malm, James R. et al., "An Evaluation of Aortic Valve Homografts Sterilized by

	<i>Electron Beam Energy</i> ", J. of Thoracic and Cardiovascular Surgery, Vol. 54: No. 4, pp. 471-477, Oct. 1967.
	Manninen, M. et al., "Evaluation of a Microbiological Method for Detection of Irradiation of Spices", Z Lebensm Unters Forsch, Vol. 192: No. 3, pp. 226-229, Mar 1991.
	Mecs, I. et al., "Effect of Storage and 60Co Irradiation on the Antiviral Activity and Subtype Pattern of Native Human Interferon-Alpha Preparations", Acta Virol, Vol. 33: No. 2, pp. 177-182, Mar 1989.
	Medical Device Sterilization; Gamma Processing Technology; obtained at <a href="http://www.sterigenics.com/medical/medical.htm">www.sterigenics.com/medical/medical.htm</a>
	Meeker, Irving A. et al., "Low-Temperature Sterilization of Organic Tissue by High-Voltage Cathode-Ray Irradiation", Science, Vol. 114, pp. 283-285, Sept 1951.
	Meeker, Irving A. et al., "Sterilization of Frozen Aterial Grafts by High-Voltage Cathode-Ray Irradiation", Surgery, Vol. 50: No. 1, July 1951.
	Merwitz, O., et al., "Oxygen Effect and Influence of Buffer on Radiation-Induced Tritium Cleavage from phage-T2-DNA-(methyl-3H) in Aqueous Solution", Radiat. Environ Biophys., Vol. 24, No. 4, pp. 239-249, 1985.
	Mikhailov, M.I. et al., "Effect of Gamma Radiation on the Components of Hepatitis B Virus and the Delta Antigen", Vopr Virusol, Vol. 32: No. 1, pp. 68-71, Jan-Feb. 1987.
	Miller, M.D. et al., "The Use of Allograft Techniques and Results", Clin Sports Med, Vol. 12: No. 4, pp. 757-770, Oct 1993.
	Milligan, J.R. et al., "Characterization of the Reaction Rate Coefficient of DNA with the Hydroxyl Radical", Radiat Res, Vol. 146: No. 5, pp. 510-3, Nov 1996.
	Milligan, J.R. et al., "Methylperoxy Radicals as Intermediate in the Damage to DNA Irradiated in Aqueous Dimethyl Sulfoxide with Gamma Rays", Radiat Res, Vol. 146: No. 4, pp. 436-443, Oct 1996.
	Milligan, J.R. et al., "The Difference that Linear Energy Transfer Makes to Precursors of DNA Strand Breaks", Radiat. Res., Vol. 145: No. 4, pp. 442-448, Apr 1996.
	Milligan, J.R. et al., "Yield of Single-Strand Breakds Due to Attack on DNA by Scavenger-Derived Radicals", Radiat Res, Vol. 137, No. 3, pp. 295-299, March 1994.
	Miyazaki, T., et al., "Radioprotective Effects of Dimethyl Sulfoxide in Golden Hamster Embryo Cells Exposed to Gamma Rays at 77 K.K. Radical Formation as Studied by Electron Spin Resonance", Radiat Res Vol. 124, No. 1, pp. 66-72, Oct. 1990.
	Monboisse, J.C. et al., "Collagen Degradation by Superoxide Anion in Pulse and Gamma Radiolysis Biochim", Biophys Acta, pp. 29-35, Apr 1988.
	Monboisse, J.C. et al., "Effect of Oxy Radicals on Several Types of Collagen", Int J. Tissue React, Vol. 6: No. 5, pp. 385-390, 1984.
	Moore, C.H. et al., "Analysis of Homograft Valve Failure in 311 Patients Followed up to 10 Years", Ann Thorac Surg. Vol. 20: No. 3, pp. 274-281, Sept 1975.
	Mutluer, B. et al., "Effects of Gamma Irradiation on Aflatoxins", Lebensm Unters Forsch, Vol. 185, No. 5, pp. 398-401, Nov. 1987.
	Nair, P.D., "Currently Practised Sterilization Methods – Some Inadvertent Consequences", J Biomater Appl, Vol. 10: No. 2, pp. 212-235, Oct 1995.
	O'Brien, Mark F. et al., "The Viable Cryopreserved Allograft Aortic Valve", J. Cardiac Surg, 2[Suppl], pp. 153-167, 1987.
	Oleinick, N.L. et al., "Nuclear Structure and the Microdistribution of Radiation Damage in DNA", Int. J. Radiat. Biol., Vol. 66: No. 5, pp. 523-529, Nov 1994.
	Olson, E.J. et al., "Clinical Use of Fresh, Frozen Soft Tissue Allografts", Orthopedics, Vol. 15: No. 10, pp. 1225-1232, Oct 1992.
	Pacifico, A.D. et al., "Homografts for Replacement of the Aortic Valve", Supplement I to Circulation, Vols. ILV and XLVI, May 1972.

	Parker, R. et al., <i>Elasticity of Frozen Aortic Valve Homografts</i> , Cardiovasc Res., Vol. 11: No. 2, pp. 156-159, Mar 1977.
	Perrella, F.W., et al., "Effects of 12-O-tetradecanoylphorbol-13-acetate and Mezerein on Gamma Radiation-Induced DNA Repair in Resting Bovine Lymphocytes", Cancer Lett, Vol. 15, No. 1, pp. 87-93, Jan. 1982.
	Preuss, T. et al., "Comparison of Two Different Methods for Inactivation of Viruses in Serum", Clin Diagn Lab Immunol, Vol. 4: No. 5, pp. 504-508, Sept 1997.
	Raoul, S. et al., "Gamma Irradiation of 2'-Deoxyadenosine in Oxygen-Free Aqueous Solutions: Identification and Conformational Features of Formamidopyrimidine Nucleoside Derivatives", Chem Res Toxicol, Vol. 8: No. 7, pp. 924-933, Oct 1995.
	Rasmussen, T.J. et al., "The Effects of 4 Mrad of Gamma Irradiation on the Initial Mechanical Properties of Bone-Patellar Tendon-Bone Grafts", Arthroscopy, Vol. 10: No. 2, pp. 188-197, Apr 1994.
	Rauch, G. et al., "Biomechanical Study of the Tensile Strength of Lyophilized and Deep Frozen Human Achilles Tendons Following Gamma and Ethylene Oxide", Orthop Ihre Grenzgeb (Germany), Vol. 129: No. 5, pp. 393-399., Sept-Oct 1991.
	Repine, J.E. et al., "Dimethyl Sulfoxide Prevents DNA Nicking Mediated by Ionizing Radiation or Iron/Hydrogen Peroxide-Generated Hydroxyl Radical", Proc Natl Acad Sci USA, Vol. 78: No. 2, pp. 1001-1003, Feb 1981.
	Rodi, C.P. et al., "Structure of Transcriptionally Active Chromatin: Radiological Evidence For Requirement of Torsionally Constrained DNA", J. Cell Physiol., Vol. 141, No. 2, pp. 346-352, Nov. 1989.
	Roe, S.C. et al., "Fate of Chemically Modified Bone-Ligament-Bone Allografts for Anterior Cruciate Ligament (ACL) Reconstruction", 37 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 4-7, 1991, Anaheim, California, p. 206.
	Roe, S.C. et al., "The Effect of Gamma Irradiation on a Xenograft Tendon Bioprosthesis", Clin Mater, Vol. 9: Nos. 3-4, pp. 149-154, 1992.
	Rossi, C.R. et al., "Viral Contamination of Bovine Fetal Lung Cultures and Bovine Fetal Serum", Am J Vet Res, Vol. 41: No. 10, pp. 1680-1681, Oct 1980.
	Rousseau C.F. et al., <i>In vitro cytocompatibility of porcine type I atelocollagen crosslinked by oxidized glycogen</i> , Biomaterials, Vol. 23: No. 6, pp. 1503-1510, Mar 2002.
	Salai, M. et al., "Electron Microscopic Study on the Effects of Different Preservation Methods for Meniscal Cartilage", Ann Transplant, Vol. 2: No. 1, pp. 52-54, 1997.
	Scaduto, R.C. Jr., et al., "Oxidation of DMSO and Methanesulfonic Acid by the Hydroxyl Radical", Free Radic Biol Med, Vol. 18: No. 2, pp. 271-277, Feb 1995.
	Schwartz, H.E. et al., "Initial and Long Term Effects of Gamma Irradiation on Goat ACL Allograft Viscoelasticity", ASME Bioeng Div. Publ. Bed, Vol. 29, pp. 205-206.
	Shaw, J.M. et al., "Vitrification Properties of Solutions of Ethylene Glycol in Saline Containing PVP, Ficoll, or Dextran", Cryobiology Vol. 35, Article No. CY972043, pp. 219-229, (1997).
	Shelton, W.R. et al., "Use of Allografts in Knee Reconstruction: I Basic Science Aspects and Current Status", J. Am Acad. Orthop. Surg., Vol. 6: No. 3, pp. 165-168, May-June 1998.
	Silvaggio, V.J. et al., "The Induction of IL-1 Freeze Dried Ethylene Oxide Treated Bone-Patellar Tendon-Bone Allograft Wear Particles. An In Vitro Study", 37 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 4-7, 1991, Anaheim, CA.
	Singh, D.R. et al., "Effect of Dimethyl Sulfoxide (DMSO) on Radiation-Induced Heteroallelic Reversion in Diploid Yeast" Mutat Res, Vol. 37: Nos. 2-3, pp. 193-200, Nov 1976.
	Sjoberg, A.M. et al., "Methods for Detection of Irradiation of Spices", Z Lebensm Unters Forsch, Vol. 190: No. 2, pp. 99-103, Feb 1990.

	Smith, C.W. et al., "Effects of Irradiation and Hydration Upon the Mechanical Properties of Tendon", Journal of Materials Science, Materials in Medicine, Vol. 7: No. 11, pp 645-650, Nov 1996.
	Smith, C.W. et al., "Mechanical Properties of Tendons: Changes with Sterilization and Preservation", J. Biomech Eng Trans ASME, Vol. 118: No. 1, pp. 56-61, 1996.
	Smith, J.B. et al., "Quantitative Effects of Iron Chelators on Hydroxyl Radical Production by the Superoxide-Driven Fenton Reaction", Free Radic Res Commun, Vol. 8: No. 2, pp. 101-106, 1990.
	Smoukov, S.K. et al., "Product Binding to the Diiron(III) and Mixed-Valence Diiron Centers of Methane Monooxygenase Hydroxylase Studied by (1,2)H and (10)F ENDOR Spectroscopy", J. Am. Chem. Soc., Vol. 124: No. 11, pp. 2657-2663, Mar 2002.
	Steckler, D. et al., "Tissue Banking: The Rose of the Regional Blood Centre: An American Experience in Minnesota", Med Lab Sci, Vol. 48: No. 2, pp. 147-154, Apr 1991.
	Steiner, M.G. et al., "Hydroxyl Radical Generation by Postichemic Rat Kidney Slices in Vitro", Free Radic Biol. Med. Vol. 9, No. 1, pp. 67-77, 1990.
	Steiner, M.G. et al., "Quantitation of the Hydroxyl Radical by Reaction with Dimethyl Sulfoxide", Arch Biochem Biophys, Vol. 278: No. 2, pp. 478-481, May 1990.
	Sterling, J.C. et al., "Allograft Failure in Cruciate Ligament Reconstruction. Follow-up Evaluation of Eighteen Patients", Am. J. Sports Med., Vol. 23: No. 2, pp. 173-178, Mar-Apr 1995.
	Stoyanovsky, D.A. et al., "ESR and HPLC-EC Analysis of the Interaction of Hydroxyl Radical with DMSO: Rapid Reduction and Quantification of POBN and PBN Nitroxides", Anal. Chem., Vol. 71, No. 3, pp. 715-721, Feb. 1, 1999.
	Suh, H. et al., "Evaluation of the Degree of Cross-Linking in UV Irradiated Porcine Valves", Yonsei Med J., Vol. 40: No. 2, pp. 159-165, April 1999.
	Tan, A.J.K. et al., "The Effects of Sterilization and Storage Treatments on the Stress-Strain Behavior of Aortic Valve Leaflets", The Annals of Thoracic Surgery, Vol. 22: No. 2, pp. 188-194, Aug 1976.
	Tarandy, D.I. et al., "An unusual Intrinsic Complication of a Patellar Tendon Allograft and Recommendations for Tissue Banking", Arthroscopy, Vol. 11: No. 4, pp. 475-477, Aug 1995.
	Tesoriere, L. et al., "Melatonin Protects Human Red Blood Cells from Oxidative Hemolysis: New Insights into the Radical-Scavenging Activity", J. Pineal Res., Vol. 27, No. 2, pp. 95-105, Sept. 1999.
	Thomas, F.C. et al., "Gamma Ray Inactivation of Some Animal Viruses Can", J Comp Med, Vol. 45: No. 4, pp. 397-399, Oct 1981.
	Thomas, F.C., "Inactivation by Gamma Irradiation of Animal Viruses in Simulated Laboratory Effluent", Appl Environ Microbiol, Vol. 43: No. 5, pp. 1051-1056, May 1982.
	Turner, W.D. et al., "An In Vitro Study of the Structural Properties of Deep-Frozen Versus Freeze-Dried, Ethylene Oxide-Sterilized Canine Anterior Cruciate Ligament Bone-Ligament-Bone Preparations", Clin Orthop (230), pp. 251-256, May 1988.
	Ueda, T. et al., "Effect of Dimethyl Sulfoxide Pretreatment on Activities of Lipid Peroxide Formation, Superoxide Dismutase and Glutathione Peroxidase in the Mouse Liver After Whole-Body Irradiation", J Taxicol Sci, Vol. 18: No. 4, pp. 239-244, Nov 1993.
	Vangsness, C.T., et al., "Soft Tissue for Allograft Reconstruction of the Human Knee; A Survey of the American Association of Tissue Banks", Am J Sports Med, Vol. 24: No. 2, pp. 230-234, Mar-Apr 1996.
	Vasin, M.V. et al., "Radiation Protective Efficacy of Alpha-Adrenomimetics During Local Gamma Irradiation of the Skin", Radiats Biol. Radioecol. (Russia), Vol. 39: Nos.

2-3, pp. 249-253, March-June 1999.
Wall, Jarrod, <i>Antioxidants in Prevention of Reperfusion Damage of Vascular Endothelium</i> ", TSMJ, Vol. I, pp 67-71, May 2000.
Ward, J.F. et al., "Mammalian Cells are not Killed by DNA Single-Strand Breaks Caused by Hydroxyl Radicals from Hydrogen Peroxide", Radiat Res, Vol. 103: No. 3, pp. 383-392, Sept 1985.
Wardman, Peter, 'Reduction Potentials of One-Electron Couples Involving Free Radicals in Aqueous Solution", Gray Laboratory of the Cancer Research Campaign, Mount Vernon Hospital, Northwood, Middlesex HA62RN, UK.
Watts, M.E. et al., "Fast Kinetics of the Oxygen Effect in Irradiated Mammalian Cells", Int J Radiat Biol Relat Stud Phys Chem Med, Vol. 32: No: 2, pp. 195-199, Feb 1978.
Westaby, S., et al., "Aortic Root Replacement Modifications of Technique with Improvements in Technology", Eur J. Cardiothorac Surg, 6 Suppl 1:S44-8; discussion S49 1992.
White, J.M. et al., "Sterilization of Teeth by Gamma Irradiation", J. Dent Res., Vol. 73: No. 9, pp. 1560-1567, Sept 1994.
Wright, K.A. et al., "Co-operative Studies in the Use of Ionizing Radiation for Sterilization and Preservation of Biological Tissues: Twenty Years' Experience", IAEA-PL-333/12 pp. 107-121.
Yahia, L.H. et al., "The Irradiation Effect on the Initial Mechanical Properties of Meniscal Grafts", Biomed Mater Eng, Vol. 3: No. 4, pp. 211-221, 1993.
Yates, J.R. et al., "Studies in Depilation Use of Gamma-Radiation in the Sterilization of Sheepskins for Enzyme Depilation Studies", Radiat Res., Vol. 34, No. 3, pp. 648-660, June 1968.
Yoshimura, T. et al., "Electron Spin Resonance Studies of Free Radicals in Gamma-Irradiated Golden Hamster Embryo Cells: Radical Formation at 77 and 295 K, and Radioprotective Effects of Vitamin C at 295 K", Radiat Res, Vol. 136, No. 3, pp. 361-365, Dec. 1993.

Applicants enclose Form PTO-1449 (12 sheets), along with a copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2). Applicants respectfully request the Examiner's consideration of the above reference(s) and entry thereof into the record of this application.

By submitting this Statement, Applicant is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

Applicant has calculated no fee to be due in connection with the filing of this Statement. However, the Director is authorized to charge any fee deficiency associated with the filing of this Statement to a deposit account, as authorized in the Transmittal accompanying this Statement.

Respectfully submitted,

Date

1/27/05

Magdalena Cilella

Magdalena O. Cilella, Ph.D.  
Limited Recognition Certificate  
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FORM PTO-1449 JAN 3 1 2005	SERIAL NO. 10/734,096	CASE NO. 11930-135
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b> (use several sheets if necessary)	FILING DATE December 11, 2003	GROUP ART UNIT 1651
APPLICANT(S): Steven Goldstein, et al.		

**REFERENCE DESIGNATION                    U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER Number-Kind Code (if known)	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
A1	2,832,689	04/29/58	Proctor et al.		
A2	3,808,113	04/30/74	Okamura et al.	204/159.12	7/71
A3	4,179,338	12/18/79	Gordon		
A4	4,456,589	06/26/84	Holman et al.	424/95	7/82
A5	4,620,908	11/04/86	Van Duzer	204/157.68	6/84
A6	4,798,611	01/17/89	Freeman, Jr.	623/66	10/86
A7	4,890,457	01/02/90	McNally et al.	435/2	1/87
A8	5,012,503	04/30/91	Nambu et al.	378/64	11/87
A9	5,071,741	12/10/91	Brockbank	435/1	4/88
A10	5,096,553	03/17/92	Ross et al.	204/157.15	2/90
A11	5,110,722	05/05/92	Brockbank et al.	435/1	11/89
A12	5,122,110	06/16/92	McNally et al.	600/36	1/90
A13	5,131,850	07/21/92	Brockbank	435/1	11/89
A14	5,145,769	09/08/92	McNally et al.	435/1	8/87
A15	5,257,692	11/02/93	Heacox	206/210	7/91
A16	5,283,034	02/01/94	Okrongly et al.	422/22	3/92
A17	5,362,442	11/08/94	Kent	422/22	7/93
A18	5,485,496	01/16/96	Lee et al.	378/64	9/94
A19	5,609,866	03/11/97	Khan et al.	424/78.25	12/93
A20	5,730,933	03/24/98	Peterson	422/22	4/96
A21	5,989,498	11/23/99	Odland	422/22	10/96
A22	6,171,549 B1	11/08/94	Kent	422/22	12/95
A23	6,346,216 B1	02/12/02	Kent	422/22	5/00
A24	6,365,338 B1	04/02/02	Bull et al.	435/1.1	4/99
A25	2001/0000804	05/03/01	Goldstein et al.	623/23.72	12/00

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER Number-Kind Code (if known)	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
A26	WO 93/11666 A1	06/24/93	PCT		Yes
A27	WO 96/27287 A1	09/12/96	PCT		Yes
A28	WO 99/60849 A1	12/02/99	PCT		
A29	WO 02/32225 A2	04/25/02	PCT		Yes
A30	WO 03/026704 A1	04/03/03	PCT		Yes
A31	WO 03/092745 A1	11/13/03	PCT		Yes

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A32	Abok, K. et al., "Dimethylsulfoxide Increases the Survival and Lysosomal Stability of Mouse Peritoneal Macrophages Exposed to Low-LET Ionizing Radiation and/or Loniclron in Culture", Virchows Arch B Cell Pathol Incl Mol Pathology, Vol. 46: No. 4, pp. 307-320, 1984.	
A33	Angell, W.W. et al., "Long-Term Follow-Up of Viable Frozen Aortic Homografts A Viable Homograft Valve Bank", J. Thorac Cardiovasc. Surg, Vol. 93: No. 6, pp. 815-822, June 1987.	
A34	Antoku, S., "Chemical Protection of Bacteria and Cultured Mammalian Cells by Sulfur-Containing Compounds", J. Radiat Res (Tokyo), Vol. 16: No. 1, pp. 28-36, Mar 1975.	
A35	Antoku, S. et al., "Effect of Oxygen on Bacteria and Cultured Mammalian Cells Irradiated in the Frozen State", Int'l. J. Radiat. Biol. Relat. Stud. Phys. Chem. Med., Vol. 32: No. 2, pp. 145-152, August 1977.	
A36	Aparicio, S.R. et al., "Light and Electron Microscopy Studies on Homograft and Heterograft Heart Valves"; J Path, Vol. 115, pp. 147-162, 1975.	
A37	Arroyo, C.M. et al., "ESR Study of Electron Transfer Reactions Between Gamma-Irradiated Pyrimidines, Adriamycin and Oxygen", Free Radic Bio Med, Vol. 9: No. 3, pp. 191-197, 1990.	
A38	Babbs, C.F. et al., "Colorimetric Assay for Methanesulfenic Acid in Biological Samples", Analytical Biochemistry Vol. 163, pp. 67-73, 1987.	
A39	Babbs, C.F. et al., "Detection and Quantitation of Hydroxyl Radical Using Dimethyl Sulfoxide as Molecular Probe", Methods in Enzymology, Vol. 186, pp. 137-147, 1990.	
A40	Babbs, C.F. et al., "Scatchard Analysis of Methane Sulfenic Acid Production From Dimethyl Sulfoxide; A Method To Quantify Hydroxyl Radical Formation In Physiologic Systems", Free Radical Biology & Medicine, Vol. 6, pp. 493-503, 1989.	
A41	Babbs, C.F., "Free Radicals and the Etiology of Colon Cancer", Free Radic. Biol Med, Vol. 8, No. 2, pp. 191-200, 1990.	
A42	Bailey, A.J., "Effect of Ionizing Radiation on Connective Tissue Components", Int Rev. Connect Tissue Res., Vol. 4, pp. 233-281, 1968.	
A43	Bakke, J.E. et al., "Isotope Dilution Assay for Urinary Methanesulfenic and Methanesulfonic Acids: Application to Detection of Methylthio Turnover", Biomed. Environ. Mass Spectrom, Vol. 18, No. 12, pp. 1096-1098, Dec. 1989.	
A44	Bartova, E. et al., "The Influence of the Cell Cycle, Differentiation and Irradiation on the Nuclear Location of the abl, bcr and cy-myc Genes in Human Leukemic Cells", Leuk Res, Vol. 24: No. 3, pp. 233-241, Mar 2000.	
A45	Beach, P.M. et al., "Aortic Valve Replacement with Frozen Irradiated Homografts. Long-Term Evaluation", Circulation, Vol. 45: No. 5, Suppl 1: pp. 29-35, May 1972.	
A46	Beach, P.M. et al., "Frozen Irradiated Aortic Valve Homografts: Long-Term Evaluation", NY State J. Med, Vol. 73: No. 5, pp. 651-654, Mar 1973.	
A47	Beamer, R.L., "Biochemical Interactions of Dimethyl Sulfoxide II Lactate Dehydrogenase-Catalyzed Reactions", J Pharm Sci, Vol. 62: No. 8, pp. 1384-1386, Aug 1973.	
A48	Bechtold, J.E. et al., "The Effects of Freeze-Drying and Ethylene Oxide Sterilization on the Mechanical Properties of Human Patellar Tendon", American Journal of Sports Medicine, Vol. 22: No. 4, pp. 562-566, 1994.	

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A49	Bedford, J.S. et al., "Dose-Rate Effects in Synchronous Mammalian Cells in Culture", Radiat Res, Vol. 54: No. 2, pp. 316-327, May 1973.	
A50	Belkoff, S.M. et al., "Microstructurally Based Model Analysis of Gamma-Irradiated Tendon Allografts", J Orthop Res, Vol. 10: No. 3, pp. 461-464, May 1992.	
A51	Belov, A.A. et al., "The Effect of Gamma Irradiation on the Enzyme Activity of Collalitin During Storage", Radiobiologija (USSR), Vol. 30: No. 4, pp. 519-521, Jul-Aug 1990.	
A52	Bender, E. et al., "The Inactivation of Mycoplasmas and Bacteria in Calf Serum by 60Co Gamma Rays" Arch Exp Veterinarmed, Vol. 43: No. 5, pp. 783-788, 1989.	
A53	Bender, E. et al., "The Use of 60Co-Gamma Ray-Sterilized Calf Serum in Cell Culture", Arch Exp Veterinarmed, Vol. 44: No. 3, pp. 481-488, 1990.	
A54	Bennett, C.B. et al., "DNA Damage and Biological Expression of Adenovirus: A Comparison of Liquid Versus Frozen Conditions of Exposure to Gamma Rays", Radiat Res, Vol. 120: No. 1, pp. 102-112, Oct 1989.	
A55	Bingci L. et al., "Mouse Antibody Response Following Repetitive Injections of Gamma-Irradiated Human Placenta Collagen" Chin Med Sci J, Vol. 9, No. 2, pp. 100-103, 1994	
A56	Blanchy, B.G., "Immobilization of Factor XIII on Collagen Membranes", J. Biomed Mater Res, Vol. 20: No. 4, pp. 469-479, Apr 1986.	
A57	Blank, G. et al., "Comparison of Resistance of Fungal Spores to Gamma and Electron Beam Radiation", Int J Food Microbiol, Vol. 26: No. 3, pp. 269-277, Aug 1995.	
A58	Blankevoort, L. et al., "Knee Joint Modeling: Parameters and Validity", Second World Congress of Biomechanics, July 10-15, 1994, Amsterdam, The Netherlands.	
A59	Bodnar, E. et al., "Long-Term Performance of Homograft and Autograft Valves", Artif Organs, Vol. 4: No. 1, pp. 20-23, Feb 1980.	
A60	Bodnar, E. et al., "Viable and Non-Viable Aortic Homografts in the Subcoronary Position: A Comparative Study", Ann Thorac Surg, Vol. 47: No. 6, pp. 799-805; discussion pp 804-805, June 1989.	
A61	Bogers, A.J.J.C. et al., "Long-Term Results of the Gamma-Irradiation-Preserved Homograft Monocusp for Transannular Reconstruction of the Right-Ventricular Outflow Trace in Tetralogy of Fallot", Thorac. Cardiovasc. Surgeon, Vol. 42, pp. 337-339, 1994.	
A62	Bohidar, H.B. et al., "Kinetics of Sol-Gel Transition in Thermoreversible Gelation of Gelatin", J. Chem. Phys. Vol. 98, No. 11, pp. 8970-8977, June 1993.	
A63	Bolin, S.R., "Methods for Detection and Frequency of Contamination of Fetal Calf Serum with Bovine Viral Diarrhea Virus and Antibodies Against Bovine Viral Diarrhea Virus", J Vet Diagn Invest, Vol. 3: No. 3, pp. 199-203, July 1991.	
A64	Bray, R.C. et al., "Reactions of Dimethylsulfoxide Reductase in the Presence of Dimethyl Sulfide and the Structure of the Dimethyl Sulfide-Modified Enzyme", Biochemistry, Vol. 40, No. 33, pp. 9810-9820, Aug. 21, 2001.	
A65	Bruck R. et al., "The Hydroxyl Radical Scavengers Dimethylsulfoxide and Dimethylthiourea protect Rats Against Thioacetamide-induced fulminant hepatic failure", J. Hepatol, Vol. 31, No. 1, pp. 27-38, Jul. 1999.	

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	A66	Bruck, R. et al., "Prevention of Hepatic Cirrhosis in Rats by Hydroxyl Radical Scavengers", J. Hepatol, Vol. 35, No. 4, pp. 457-464, Oct. 2001.
A67	Butler, D.L. et al., "Effects of Gamma Irradiation on the Biomechanics of Patellar Tendon Allografts of the ACL in the Goat", 37 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 4-7, 1991, Anaheim, CA.	
A68	Butler, D.L., et al., "Gamma Irradiation Effects on Allograft Mechanics", Symposium Biomechanics of Joints and Ligaments, Thursday July 14, Second World Congress of Biomechanics, Volume II, p. 89.	
A69	Buxton, George et al., "Critical Review of Rate Constants for Reactions of Hydrated Electrons, Hydrogen Atoms and Hydroxyl Radicals (OH/O) in Aqueous Solution", . . . . .	
A70	Campalani, G. et al., "Aortic Valve Replacement with Frozen Irradiated Homografts. An 18-Year Experience", Eur J. Cardiothorac Surg., Vol. 3: No. 6, pp. 558-561, 1989.	
A71	Cederbaum, A.I. et al., "Oxidation of Isopropanol by Rat Liver Microsomes: Possible Role of Hydroxyl Radicals" Biochem Pharmacol, Vol. 30: No. 8, pp. 825-831, Apr 1981.	
A72	Cheung, D.T. et al., "The Effect of Gamma-Irradiation on Collagen Molecules, Isolated Alpha-Chains, and Crosslinked Native Fibers", Journal of Biomedical Materials Research, Vol. 24: No. 5, pp. 581-589, May 1990.	
A73	Chiu, S.M., et al., "Modification of DNA Damage in Transcriptionally Active vs. Bulk Chromatin", Int. J. Radiat Oncol. Biol. Phys. Vol. 12, No. 8, pp. 1529-1532, Aug. 1986.	
A74	Chu, C.C. et al., "The Effect of Gamma Irradiation on the Enzymatic Degradation of Polyglycolic Acid Absorbable Sutures", J. Biomed Mater Res, Vol. 17: No. 6, pp. 1029-1040, Nov 1983.	
A75	Chu, C.C. et al., "Kluver-Bucy Syndrome: Report of a Case with Nasopharyngeal Cancer after Irradiation and Chemotherapy", Chin Med J. (Taipei) 1994; 54: pp. 432-435.	
A76	Chu, C.C. et al., "Scanning Electron Microscopic Study of the Hydrolytic Degradation of Poly(glycolic acid) Suture", J. Biomed Mater Res, Vol. 16: No. 4, pp. 417-430, July 1982.	
A77	Cooper, A.J. et al., "Enzymatic Reactions of Methionine Sulfoximine. Conversion to the Corresponding Alpha-imino and Alpha-keto Acids and to Alpha-ketobutyrate and Methane Sulfonimide", J. Biol. Chem., Vol. 251, No. 21, pp. 6674-6682, Nov. 10, 1976.	
A78	Daragan, V.A. et al., "Specific Binding of Ethanol to Cholesterol in Organic Solvents" Biophys J, Vol. 79: No. 1, pp. 406-415, July 2000.	
A79	Davydov, R. et al., "An EPR Study to the Dinuclear Iron Site in the Soluble Methane Monooxygenase from <i>Methylococcus capsulatus</i> (Bath) Reduced by One Electron at 77K: The Effects of Component Interactions and the Binding of Small Molecules to the Diiron(III) Center", Biochemistry, Vol. 38: No. 13, pp. 4188-4197, March 1999.	
A80	De Deyne, P. et al., "Some Effects of Gamma Irradiation on Patellar Tendon Allografts", Connect Tissue Res, Vol. 27: No. 1, pp.51-62, 1991.	
A81	deLara, C.M. et al., "The Effect of Dimethyl Sulfoxide on the Induction of DNA Double-Strand Breaks in V79-4 Mammalian Cells by Alpha Particles", Radiat Res. Vol. 144: No. 1, pp.43-49, Oct 1995.	

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A82	Dela Rosa, et al., "The Effect of Gamma-Radiation on Smoked Fish Using Short-Term Mutagenicity Assays", Mutat Res., Vol. 223, No. 3, pp. 303-307, July 1989.	
A83	Dimitrijevic, B., "The Tissue Bank in Wickfield", Stomatol Glas Srb, Vol. 21: No. 1, pp. 67, Jan-Feb 1974.	
A84	Dinara, S. et al., Effects of Supplementation with Free-Radical scavengers on the survival and Fertilization Rates of Mouse Cryopreserved Oocytes", Elsevier Science B.V., Amsterdam, 2001 BIOTECHNO Online!	
A85	Donnelly, R.J. et al., "Gamma-Radiation of Heart Valves at 4 C; a Comparative Study Using Techniques of Histochemistry and Electron and Light Microscopy", Thorax, Vol. 28: No. 95, pp. 95-101, 1973.	
A86	Duliu, O.G. et al., "EPR Investigation of the Gamma-Ray Irradiated Natural and Tanned Collagen", Appl Radiat Isot, Vol. 54: No. 6, pp. 887-891, June 2001.	
A87	Eder, E. et al., "The Influence of the Solvents DMSO and Ethanol on the Genotoxicity of Alpha, Beta-Unsaturated Aldehydes in the SOS Chromotest", Mutat Res., Vol. 516, No. 1-2, pp. 81-89, Apr 26, 2002.	
A88	Erickson, G.A. et al., "Viral Contamination of Fetal Bovine Serum Used for Tissue Culture: Risks and Concerns", Dev Biol Stand, Vol. 75, pp.173-175, 1991.	
A89	Farzaneh, F. et al., "DNA Repair in Human Promyelocytic Cell Line, HL-60", Nucleic Acids Res, Vol. 15, No. 8, pp. 3503-3513, Apr. 1987.	
A90	Fast Blue BB Salt, Materials Safety Data Sheet <a href="http://www.property.orst.edu/property/msds/DATA/5381.htm">http://www.property.orst.edu/property/msds/DATA/5381.htm</a> , May 24, 2002, 2 pages.	
A91	Feder, S.M. et al., "Biomechanical and Biochemical Changes in Human Tendon Allografts Due to 4Mrad of Gamma Irradiation", 40 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, February 21-24, 1994, New Orleans, LA, 1 page.	
A92	Feder, S.M. et al., "Irradiated ACL Allografts: Changes in Mechanical Properties Over Time", 38 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, February 17-20, 1992, Washington, D.C., 1 page.	
A93	Fideler, B.M., "Gamma Irradiation: Effects on Biomechanical Properties of Human Bone-Patellar Tendone-Bone Allografts", The American Journal of Sports Medicine, Vol. 23: No. 5, pp. 643-646, 1995.	
A94	Fideler, B.M. et al., "Effects of Gamma Irradiation on the Human Immunodeficiency Virus. A Study in Frozen Human Bone-Patellar Ligament-Bone Grafts Obtained from Infected Cadavera", J Bone Joint Surg Am, Vol. 76: No. 7, pp. 1032-1035, Jul 1994.	
A95	Fuchs, James C.A. et al., "Homograft Aortic Valves Supported by Nonthrombogenic Prosthetic Frames", The Clinic of Surgery National Heart Institute, Bethesda pp. 118-119.	
A96	Fukui S. et al., "High-Performance Liquid Chromatographic Determination of Methanesulphinic Acid as a Method for the Determination of Hydroxyl Radicals", J. Chromatogr, Vol. 630, Nos. 1-2, pp. 187-193, Feb 5, 1993.	
A97	Geesin, J.C., et al., "Regulation of Collagen Synthesis by Ascorbic Acid: Characterization of the Role of Ascorbate-Stimulated Lipid Peroxidation", Arch Biochem Biophys, Vol. 290: No. 1, pp. 127-132, Oct 1991.	

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A98	Gerbode, Frank et al., "Proceedings of The First International Workshop on Tissue Valves", Annals of Surgery Vol. 172, Supplement, pp.1-24, July 1970.	
A99	Gibbons, M.J. et al., "Dose-Dependent Effects of Gamma Irradiation on the Material Properties of Frozen Bone-Patellar Tendon-Bone Allografts, 35 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, February 6-9, 1989, Las Vegas NV.	
A100	Gibbons, M.J. et al., "Effects of Gamma Irradiation on the Initial Mechanical and Material Properties of Goat Bone-Patellar Tendon-Bone Allografts", J Orthop Res, Vol. 9: No. 2, pp. 209-218, Mar 1991.	
A101	Giordano, Joseph M. et al., "A Comparison of Autografts and Frozen, Irradiated Homografts in Canine Femoral Venous Reconstruction", Surgery, Vol. 81: No. 1, pp. 100-104, Jan 1977.	
A102	Godette, G.A. et al., "Biomechanical Effects of Gamma Irradiation on Fresh Frozen Allografts in Vitro", Gamma Irradiation, Vol. 19: No. 8, Aug 1996.	
A103	Goertzen, M.J., "Anterior Cruciate Ligament Reconstruction Using Cryopreserved Irradiated Bone-ACL-Bone-Allograft Transplants", Knee Surg Sports Traumatol Arthros, Vol. 2: No. 3, pp. 150-157, 1994.	
A104	Goertzen, M.J. et al., "Sterilisation of Canine Anterior Cruciate Allografts by Gamma Irradiation in Argon Mechanical and Neurohistological Properties Retained One Year After Transplantation", J. Bone Joint Surg Br (England), Vol. 77: No. 2, pp. 205-212, Mar 1995.	
A105	Gogus, A. et al., "Allogeneic Cruciate Ligament Replacement. Perspectives and Initial Clinical Results", Unfallchirurg (Germany), Vol. 96: No. 2, pp. 93-99, Feb 1993.	
A106	Gonzalez-Lavin, L. et al., "Homograft Aortic Valve Replacement", J of Thoracic and Cardiovascular Surgery, Vol. 60: No. 1, pp. 1-12, July 1970.	
A107	Goulas, A.E. et al., "Effect of High-Dose Electron Beam Irradiation on the Migration of DOA and ATBC Plasticizers from Food-Grade PVC and PVDC/PVC Films, Respectively, Into Olive Oil", J Food Prot, Vol. 61: No. 6, pp.720-724, June 1998.	
A108	Grecz, N. et al. "Radiation Sterilization of Surgical Instruments with a Consideration of Metal Shielding on Sterilization Efficiency", Am J Infect Control, Vol. 15: No. 3, pp. 101-106, June 1987.	
A109	Gunning, A.J. et al., "Preservation and Function of Heterologous Aortic Valves", Thorax, Vol. 26, p.179, 1971.	
A110	Harris, Paul D. et al., "Factors Modifying Aortic Homograft Structure and Function", Surgery Vol. 63: No. 1, pp. 45-52, Jan 1968.	
A111	Haut, R.C. et al., "Order of Irradiation and Lyophilization on the Strength of Patellar Tendon Allografts", 35 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, February 6-9, 1989, Las Vegas, NV.	
A112	Hiemstra, H. et al., "Inactivation of Human Immunodeficiency Virus by Gamma Irradiation and its Effect on Plasma and Coagulation Factors", Transfusion, Vol. 31: No. 1, pp. 32-39, Jan 1991.	
A113	House, C. et al., "Inactivation of Viral Agents in Bovine Serum by Gamma Irradiation", Can J Microbiol, Vol. 36: No. 10, pp. 737-740, Oct 1990.	

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A114	Ijiri, S. et al., "Effect of Sterilization on Bone Morphogenetic Protein", J. Orthop Res, Vol. 12: No. 5, pp. 628-636, Sept 1994.	
A115	Ingegneri, A. et al., "An 11-Year Assessment of 93 Flash-Frozen Homograft Valves in the Aortic Position", Thorac Cardiovasc Surg, Vol.27: No. 5, pp. 304-307, Oct 1979.	
A116	Jackson, D.W., et al., "Anterior Cruciate Ligament Reconstruction Using Patella Tendon Autograft and Allograft – An Experimental Study in Goats", 37 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 4-7, 1991, Anaheim, California, P. 208.	
A117	Jackson, D.W. et al., "Intraarticular Reaction Associated with the Use of Freeze-Dried, Ethylene Oxide-Sterilized Bone-Patella Tendon-Bone Allografts in the Reconstruction of the Anterior Cruciate Ligament", Am. J. Sports Med., Vol. 18: No. 1, pp. 1-10, Jan-Feb 1990.	
A118	Jacob, Stanley, W., "Current Status of Dimethyl Sulfoxide (DMSO)", March 2002. <a href="http://www.dmso.org/articles/information/pjacobs.htm">http://www.dmso.org/articles/information/pjacobs.htm</a> , 2p., June 17, 2002.	
A119	Jacob, Stanley, W. "Pharmacology of DMSO", <a href="http://www.dmso.org/articles/information/pherschler.htm">http://www.dmso.org/articles/information/pherschler.htm</a> , pp. 1-13, June 17, 2002.	
A120	Jahnke, L.S., "Measurement of Hydroxyl Radical-Generated Methane Sulfenic Acid by High-Performance Liquid Chromatography and Electrochemical Detection", Anal Biochem, Vol. 269, No. 2, pp. 273-277, May 1999.	
A121	Jones, G.D., et al., "A Comparison of DNA Damages Produced Under Conditions of Direct and Indirect Action of Radiation", Int. J. Radiat Biol. Vol. 66, No. 5, pp. 441-445, Nove. 1994.	
A122	Jones, G.D., et al., "Yield of Strand Breaks as a Function of Scavenger Concentration and LET for SV40 Irradiated with 4He Ions", Int. J. Radiat Biol. Vol. 136, No. 2, pp. 190-196, Nov. 1993.	
A123	Kadiiska, M.B. et al., "Iron Supplementation Generates Hydroxyl Radical in Vivo. An ESR Spin-Trapping Investigation", J. Clin. Invest., Vol. 96, No. 3, pp. 1653-1657, Sept. 1995.	
A124	Katz, R.W. et al., "Radiation-Sterilized Insoluble Collagenous Bone Matrix is a Functional Carrier of Osteogenin for Bone Induction", Calcif Tissue Int, Vol. 47: No.3, pp. 183-185, Sept 1990.	
A125	Kennedy, A.R., "Water Structure versus Radical Scavenger Theories as Explanations for the Suppressive Effects of DMSO and Related Compounds on Radiation-Induced Transformation in Vitro", Carcinogenesis, Vol. 8: No. 5, pp. 683-688, May 1987.	
A126	Kerboull, P. et al., "In Vitro Study of the Role of Various Preservation Methods on Mechanical Properties of Allografts of the Patellar Tendon", Chirurgie, Vol. 117: No. 9, pp. 751-62, 1991.	
A127	King, Michael H. et al., 'Importance of Technique in Sterilizing and Preserving Human Ortic Valves', The Clinic of Surgery National Heart Institute, Bethesda pp. 119-121.	
A128	Klein, S.M. et al., "The Interaction of Hydroxyl Radicals with Dimethylsulfoxide Produces Formaldehyde", FEBS Lett, Vol. 116, No. 2, pp. 220-222, Jul. 28, 1980.	
A129	Klein, S.M. et al., "Production of Formaldehyde During Metabolism of Dimethyl Sulfoxide by Hydroxyl Radical Generating Systems", Biochemistry, Vol. 20, No. 21, pp. 6006-6012, Oct. 13, 1981.	
A130	Koch, C.J. et al. "The Oxygen-Enhancement Ratio for Reproductive Death Induced by 3H or 125I Damage in Mammalian Cells", Int. J. Radiat Biol Relat Stud Phys Chem Med, Vol. 28: No. 5, pp. 417-425, Nov. 1975.	

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A131	Kurahashi, M. et al., "Effect of Diethyldithiocarbamate on Diabetogenic Action of Alloxan in Rats", Diabetes Res Clin. Prac., Vol. 19, No. 1, pp. 39-47, Jan. 1993.	
A132	Kyvsgaard, N.C., et al., "Effect of Two Virus Inactivation Methods; Electron Beam Irradiation and Binary Ethylenimine Treatment on Determination of Reproductive Hormones in Equine Plasma", Acta Vet Scan, Vol. 38: No. 3, pp. 225-233, 1997.	
A133	Lawson, L.D. et al., "Identification and HPLC Quantitation of the Sulfides and Dialk(en)yl Thiosulfinates in Commercial Garlic Products", Planta Med, Vol. 57: No. 4, pp. 363-370, Aug 1991.	
A134	Leslie, H.W., et al., "Donation, Banking, and Transplantation of Allograft Tissues", Nurs Clin North Am, Vol. 24: No. 4, pp. 891-905, Dec 1989.	
A135	Limaye, L.S., et al., <i>Bone Marrow Cryopreservation: Improved Recovery Due to Bioantioxidant Additives in the Freezing Solution</i> , Elsevier Science B.V., Amsterdam, BIOTECHNO Online! 1997.	
A136	Maeda, A. et al., "Changes of Mechanical Properties After Solvent Preservation And/or Gamma Irradiation for Tendon Allografts", 37 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 4-7, 1991, Anaheim, CA.	
A137	Maeda, A. et al., "Effects of Solvent Preservation with or without Gamma Irradiation on the Material Properties of Canine Tendon Allografts", Orthop Res, Vol. 11: No. 2, pp. 181-189, Mar 1993.	
A138	Malm, James R. et al., "An Evaluation of Aortic Valve Homografts Sterilized by Electron Beam Energy", J. of Thoracic and Cardiovascular Surgery, Vol. 54: No. 4, pp. 471-477, Oct. 1967.	
A139	Manninen, M. et al., "Evaluation of a Microbiological Method for Detection of Irradiation of Spices", Z Lebensm Unters Forsch, Vol. 192: No. 3, pp. 226-229, Mar 1991.	
A140	Mecs, I. et al., "Effect of Storage and 60Co Irradiation on the Antiviral Activity and Subtype Pattern of Native Human Interferon-Alpha Preparations", Acta Virol, Vol. 33: No. 2, pp. 177-182, Mar 1989.	
A141	Medical Device Sterilization; Gamma Processing Technology; obtained at <a href="http://www.sterigenics.com/medical/medical.htm">www.sterigenics.com/medical/medical.htm</a>	
A142	Meeker, Irving A. et al., "Low-Temperature Sterilization of Organic Tissue by High-Voltage Cathode-Ray Irradiation", Science, Vol. 114, pp. 283-285, Sept 1951.	
A143	Meeker, Irving A. et al., "Sterilization of Frozen Aterial Grafts by High-Voltage Cathode-Ray Irradiation", Surgery, Vol. 50: No. 1, July 1951.	
A144	Merwitz, O., et al., "Oxygen Effect and Influence of Buffer on Radiation-Induced Tritium Cleavage from phage-T2-DNA-(methyl-3H) in Aqueous Solution", Radiat. Environ Biophys., Vol. 24, No. 4, pp. 239-249, 1985.	
A145	Mikhailov, M.I. et al., "Effect of Gamma Radiation on the Components of Hepatitis B Virus and the Delta Antigen", Vopr Virusol, Vol. 32: No. 1, pp. 68-71, Jan-Feb. 1987.	
A146	Miller, M.D. et al., "The Use of Allograft Techniques and Results", Clin Sports Med, Vol. 12: No. 4, pp. 757-770, Oct 1993.	
A147	Milligan, J.R. et al., "Characterization of the Reaction Rate Coefficient of DNA with the Hydroxyl Radical", Radiat Res, Vol. 146: No. 5, pp. 510-3, Nov 1996.	

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A148	Milligan, J.R. et al., "Methylperoxy Radicals as Intermediate in the Damage to DNA Irradiated in Aqueous Dimethyl Sulfoxide with Gamma Rays", Radiat Res, Vol. 146: No. 4, pp. 436-443, Oct 1996.
A149	Milligan, J.R. et al., "The Difference that Linear Energy Transfer Makes to Precursors of DNA Strand Breaks", Radiat. Res., Vol. 145: No. 4, pp. 442-448, Apr 1996.
A150	Milligan, J.R. et al., "Yield of Single-Strand Breaks Due to Attack on DNA by Scavenger-Derived Radicals", Radiat Res, Vol. 137, No. 3, pp. 295-299, March 1994.
A151	Miyazaki, T., et al., "Radioprotective Effects of Dimethyl Sulfoxide in Golden Hamster Embryo Cells Exposed to Gamma Rays at 77 K.K. Radical Formation as Studied by Electron Spin Resonance", Radiat Res Vol. 124, No. 1, pp. 66-72, Oct. 1990.
A152	Monboisse, J.C. et al., "Collagen Degradation by Superoxide Anion in Pulse and Gamma Radiolysis Biochim", Biophys Acta, pp. 29-35, Apr 1988.
A153	Monboisse, J.C. et al., "Effect of Oxy Radicals on Several Types of Collagen", Int J. Tissue React, Vol. 6: No. 5, pp. 385-390, 1984.
A154	Moore, C.H. et al., "Analysis of Homograft Valve Failure in 311 Patients Followed up to 10 Years", Ann Thorac Surg. Vol. 20: No. 3, pp. 274-281, Sept 1975.
A155	Mutluer, B. et al., "Effects of Gamma Irradiation on Aflatoxins", Lebensm Unters Forsch, Vol. 185, No. 5, pp. 398-401, Nov. 1987.
A156	Nair, P.D., "Currently Practised Sterilization Methods – Some Inadvertent Consequences", J Biomater Appl, Vol. 10: No. 2, pp. 212-235, Oct 1995.
A157	O'Brien, Mark F. et al., "The Viable Cryopreserved Allograft Aortic Valve", J. Cardiac Surg, 2[Suppl], pp. 153-167, 1987.
A158	Oleinick, N.L. et al., "Nuclear Structure and the Microdistribution of Radiation Damage in DNA", Int. J. Radiat. Biol., Vol. 66: No. 5, pp. 523-529, Nov 1994.
A159	Olson, E.J. et al., "Clinical Use of Fresh, Frozen Soft Tissue Allografts", Orthopedics, Vol. 15: No. 10, pp. 1225-1232, Oct 1992.
A160	Pacifico, A.D. et al., "Homografts for Replacement of the Aortic Valve", Supplement I to Circulation, Vols. ILV and XLVI, May 1972.
A161	Parker, R. et al., "Elasticity of Frozen Aortic Valve Homografts", Cardiovasc Res., Vol. 11: No. 2, pp. 156-159, Mar 1977.
A162	Perrella, F.W., et al., "Effects of 12-O-tetradecanoylphorbol-13-acetate and Mezerein on Gamma Radiation-Induced DNA Repair in Resting Bovine Lymphocytes", Cancer Lett, Vol. 15, No. 1, pp. 87-93, Jan. 1982.
A163	Preuss, T. et al., "Comparison of Two Different Methods for Inactivation of Viruses in Serum", Clin Diagn Lab Immunol, Vol. 4: No. 5, pp. 504-508, Sept 1997.
A164	Raoul, S. et al., "Gamma Irradiation of 2'-Deoxyadenosine in Oxygen-Free Aqueous Solutions: Identification and Conformational Features of Formamidopyrimidine Nucleoside Derivatives", Chem Res Toxicol, Vol. 8: No. 7, pp. 924-933, Oct 1995.
A165	Rasmussen, T.J. et al., "The Effects of 4 Mrad of Gamma Irradiation on the Initial Mechanical Properties of Bone-Patellar Tendon-Bone Grafts", Arthroscopy, Vol. 10: No. 2, pp. 188-197, Apr 1994.

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	A166	Rauch, G. et al., "Biomechanical Study of the Tensile Strength of Lyophilized and Deep Frozen Human Achilles Tendons Following Gamma and Ethylene Oxide", Orthop Ihre Grenzgeb (Germany), Vol. 129: No. 5, pp. 393-399., Sept-Oct 1991.	
	A167	Repine, J.E. et al., "Dimethyl Sulfoxide Prevents DNA Nicking Mediated by Ionizing Radiation or Iron/Hydrogen Peroxide-Generated Hydroxyl Radical", Proc Natl Acad Sci USA, Vol. 78: No. 2, pp. 1001-1003, Feb 1981.	
	A168	Rodi, C.P. et al., "Structure of Transcriptionally Active Chromatin: Radiological Evidence For Requirement of Torsionally Constrained DNA", J. Cell Physiol., Vol. 141, No. 2, pp. 346-352, Nov. 1989.	
	A169	Roe, S.C. et al., "Fate of Chemically Modified Bone-Ligament-Bone Allografts for Anterior Cruciate Ligament (ACL) Reconstruction", 37 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 4-7, 1991, Anaheim, California, p. 206.	
	A170	Roe, S.C. et al., "The Effect of Gamma Irradiation on a Xenograft Tendon Bioprosthesis", Clin Mater, Vol. 9: Nos. 3-4, pp. 149-154, 1992.	
	A171	Rossi, C.R. et al., "Viral Contamination of Bovine Fetal Lung Cultures and Bovine Fetal Serum", Am J Vet Res, Vol. 41: No. 10, pp. 1680-1681, Oct 1980.	
	A172	Rousseau C.F. et al., <i>In vitro cytocompatibility of porcine type I atelocollagen crosslinked by oxidized glycogen</i> , Biomaterials, Vol. 23: No. 6, pp. 1503-1510, Mar 2002.	
	A173	Salai, M. et al., "Electron Microscopic Study on the Effects of Different Preservation Methods for Meniscal Cartilage", Ann Transplant, Vol. 2: No. 1, pp. 52-54, 1997.	
	A174	Scaduto, R.C. Jr., et al., "Oxidation of DMSO and Methanesulfonic Acid by the Hydroxyl Radical", Free Radic Biol Med, Vol. 18: No. 2, pp. 271-277, Feb 1995.	
	A175	Schwartz, H.E. et al., "Initial and Long Term Effects of Gamma Irradiation on Goat ACL Allograft Viscoelasticity", ASME Bioeng Div. Publ. Bed, Vol. 29, pp. 205-206.	
	A176	Shaw, J.M. et al., "Vitrification Properties of Solutions of Ethylene Glycol in Saline Containing PVP, Ficoll, or Dextran", Cryobiology Vol. 35, Article No. CY972043, pp. 219-229, (1997).	
	A177	Shelton, W.R. et al., "Use of Allografts in Knee Reconstruction: I Basic Science Aspects and Current Status", J. Am Acad. Orthop. Surg., Vol. 6: No. 3, pp. 165-168, May-June 1998.	
	A178	Silvaggio, V.J. et al., "The Induction of IL-1 Freeze Dried Ethylene Oxide Treated Bone-Patellar Tendon-Bone Allograft Wear Particles. An In Vitro Study", 37 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 4-7, 1991, Anaheim, CA.	
	A179	Singh, D.R. et al., "Effect of Dimethyl Sulfoxide (DMSO) on Radiation-Induced Heteroallelic Reversion in Diploid Yeast" Mutat Res, Vol. 37: Nos. 2-3, pp. 193-200, Nov 1976.	
	A180	Sjoberg, A.M. et al., "Methods for Detection of Irradiation of Spices", Z Lebensm Unters Forsch, Vol. 190: No. 2, pp. 99-103, Feb 1990.	
	A181	Smith, C.W. et al., "Effects of Irradiation and Hydration Upon the Mechanical Properties of Tendon", Journal of Materials Science, Materials in Medicine, Vol. 7: No. 11, pp 645-650, Nov 1996.	
	A182	Smith, C.W. et al., "Mechanical Properties of Tendons: Changes with Sterilization and Preservation", J. Biomech Eng Trans ASME, Vol. 118: No. 1, pp. 56-61, 1996.	

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A183	Smith, J.B. et al., "Quantitative Effects of Iron Chelators on Hydroxyl Radical Production by the Superoxide-Driven Fenton Reaction", Free Radic Res Commun, Vol. 8: No. 2, pp. 101-106, 1990.	
A184	Smoukov, S.K. et al., "Product Binding to the Diiiron(III) and Mixed-Valence Diiiron Centers of Methane Monooxygenase Hydroxylase Studied by (1,2)H and (10)F ENDOR Spectroscopy", J. Am. Chem. Soc., Vol. 124: No. 11, pp. 2657-2663, Mar 2002.	
A185	Steckler, D. et al., "Tissue Banking: The Rose of the Regional Blood Centre: An American Experience in Minnesota", Med Lab Sci, Vol. 48: No. 2, pp. 147-154, Apr 1991.	
A186	Steiner, M.G. et al., "Hydroxyl Radical Generation by Postischemic Rat Kidney Slices in Vitro", Free Radic Biol. Med. Vol. 9, No. 1, pp. 67-77, 1990.	
A187	Steiner, M.G. et al., "Quantitation of the Hydroxyl Radical by Reaction with Dimethyl Sulfoxide", Arch Biochem Biophys, Vol. 278: No. 2, pp. 478-481, May 1990.	
A188	Sterling, J.C. et al., "Allograft Failure in Cruciate Ligament Reconstruction. Follow-up Evaluation of Eighteen Patients", Am. J. Sports Med., Vol. 23: No. 2, pp. 173-178, Mar-Apr 1995.	
A189	Stoyanovsky, D.A. et al., "ESR and HPLC-EC Analysis of the Interaction of Hydroxyl Radical with DMSO: Rapid Reduction and Quantification of POBN and PBN Nitroxides", Anal. Chem., Vol. 71, No. 3, pp. 715-721, Feb. 1, 1999.	
A190	Suh, H. et al., "Evaluation of the Degree of Cross-Linking in UV Irradiated Porcine Valves", Yonsei Med J., Vol. 40: No. 2, pp. 159-165, April 1999.	
A191	Tan, A.J.K. et al., "The Effects of Sterilization and Storage Treatments on the Stress-Strain Behavior of Aortic Valve Leaflets", The Annals of Thoracic Surgery, Vol. 22: No. 2, pp. 188-194, Aug 1976.	
A192	Tarandy, D.I. et al., "An unusual Intrinsic Complication of a Patellar Tendon Allograft and Recommendations for Tissue Banking", Arthroscopy, Vol. 11: No. 4, pp. 475-477, Aug 1995.	
A193	Tesoriere, L. et al., "Melatonin Protects Human Red Blood Cells from Oxidative Hemolysis: New Insights into the Radical-Scavenging Activity", J. Pineal Res., Vol. 27, No. 2, pp. 95-105, Sept. 1999.	
A194	Thomas, F.C. et al., "Gamma Ray Inactivation of Some Animal Viruses Can", J Comp Med, Vol. 45: No. 4, pp. 397-399, Oct 1981.	
A195	Thomas, F.C., "Inactivation by Gamma Irradiation of Animal Viruses in Simulated Laboratory Effluent", Appl Environ Microbiol, Vol. 43: No. 5, pp. 1051-1056, May 1982.	
A196	Turner, W.D. et al., "An In Vitro Study of the Structural Properties of Deep-Frozen Versus Freeze-Dried, Ethylene Oxide-Sterilized Canine Anterior Cruciate Ligament Bone-Ligament-Bone Preparations", Clin Orthop (230), pp. 251-256, May 1988.	
A197	Ueda, T. et al., "Effect of Dimethyl Sulfoxide Pretreatment on Activities of Lipid Peroxide Formation, Superoxide Dismutase and Glutathione Peroxidase in the Mouse Liver After Whole-Body Irradiation", J Taxicol Sci, Vol. 18: No. 4, pp. 239-244, Nov 1993.	
A198	Vangsness, C.T., et al., "Soft Tissue for Allograft Reconstruction of the Human Knee; A Survey of the American Association of Tissue Banks", Am J Sports Med, Vol. 24: No. 2, pp. 230-234, Mar-Apr 1996.	

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A199	Vasin, M.V. et al., "Radiation Protective Efficacy of Alpha-Adrenomimetics During Local Gamma Irradiation of the Skin", Radiats Biol. Radioecol. (Russia), Vol. 39: Nos. 2-3, pp. 249-253, March-June 1999.	
A200	Wall, Jarrod, <i>Antioxidants in Prevention of Reperfusion Damage of Vascular Endothelium</i> , TSMJ, Vol. I, pp 67-71, May 2000.	
A201	Ward, J.F. et al., "Mammalian Cells are not Killed by DNA Single-Strand Breaks Caused by Hydroxyl Radicals from Hydrogen Peroxide", Radiat Res, Vol. 103: No. 3, pp. 383-392, Sept 1985.	
A202	Wardman, Peter, 'Reduction Potentials of One-Electron Couples Involving Free Radicals in Aqueous Solution", Gray Laboratory of the Cancer Research Campaign, Mount Vernon Hospital, Northwood, Middlesex HA62RN, UK.	
A203	Watts, M.E. et al., "Fast Kinetics of the Oxygen Effect in Irradiated Mammalian Cells", Int J Radiat Biol Relat Stud Phys Chem Med, Vol. 32: No: 2, pp. 195-199, Feb 1978.	
A204	Westaby, S., et al., "Aortic Root Replacement Modifications of Technique with Improvements in Technology", Eur J. Cardiothorac Surg, 6 Suppl 1:S44-8; discussion S49 1992.	
A205	White, J.M. et al., "Sterilization of Teeth by Gamma Irradiation", J. Dent Res., Vol. 73: No. 9, pp. 1560-1567, Sept 1994.	
A206	Wright, K.A. et al., "Co-operative Studies in the Use of Ionizing Radiation for Sterilization and Preservation of Biological Tissues: Twenty Years' Experience", IAEA-PL-333/12 pp. 107-121.	
A207	Yahia, L.H. et al., "The Irradiation Effect on the Initial Mechanical Properties of Meniscal Grafts", Biomed Mater Eng, Vol. 3: No. 4, pp. 211-221, 1993.	
A208	Yates, J.R. et al., "Studies in Depilation Use of Gamma-Radiation in the Sterilization of Sheepskins for Enzyme Depilation Studies", Radiat Res., Vol. 34, No. 3, pp. 648-660, June 1968.	
A209	Yoshimura, T. et al., "Electron Spin Resonance Studies of Free Radicals in Gamma-Irradiated Golden Hamster Embryo Cells: Radical Formation at 77 and 295 K, and Radioprotective Effects of Vitamin C at 295 K", Radiat Res, Vol. 136, No. 3, pp. 361-365, Dec. 1993.	

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